

19991114.qrp v01_n639.qrl.991114

Date: Sun, 14 Nov 1999 19:06:31 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1639

QRP-L Digest 1639

Topics covered in this issue include:

- 1) [55994] Re: K2 Power Supply
by k5zty@juno.com
- 2) [55995] Fish paper?
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 3) [55996] SW30_+ 1st
by Skip <longbeard@cybernet1.com>
- 4) [55997] Re: K2 Power Supply
by Bob Patten <n4bp@bc.seflin.org>
- 5) [55998] Re: K9AY Transceiver (A&A Engineering)
by kc8aon@juno.com
- 6) [55999] Re: Fish paper?
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 7) [56000] FOX Hunter Weekly Review
by "Rod Cerkoney" <rlwc@frie.com>
- 8) [56001] QRP Day at W7ASC..... AZ Science Center
by GElam30092@aol.com
- 9) [56002] Re: Fish paper?
by "Richard Hensel" <rrhensel@sprintmail.com>
- 10) [56003] RE: Johnson Matchbox
by "ai2q" <ai2q@ispchannel.com>
- 11) [56004] Re: History: ENIGMA
by "Jim Marciniak" <n1rui@together.net>
- 12) [56005] FOX: KC0AYG/T FOX
by k5zty@juno.com
- 13) [56006] CLUB: West FL QRP Club meeting report (LONG)
by Macstein@aol.com
- 14) [56007] FOX: W8RU is Fox for 16 November 1999
by Ron Majewski <majewski@erim-int.com>
- 15) [56008] FS: OHR 40 Explorer w/memory keyer
by "Tim Cook" <timcook@erinet.com>
- 16) [56009] Re: Fish paper?
by "Chuck Carpenter" <w5usj@globeco.net>
- 17) [56010] Looking for N0WNT
by "Ron Polityka" <wb3aal@talon.net>
- 18) [56011] FS: Partial built 38 special w/machined case
by "Greg Heath" <gheath1@nycap.rr.com>
- 19) [56012] Milliwatt/Mobile Sunday afternoon

- by Jim Hale <kj5tf@yahoo.com>
- 20) [56013] XFRMR Search
by Howard D Rubin <n3fel@juno.com>
- 21) [56014] "Antenna Compendium, Vol 6" and W4RNL
by "George Heron N2APB" <n2apb@erols.com>
- 22) [56015] Sudden RF-1 failure?
by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 23) [56016] 2N2/40 Crystal Set Availability
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 24) [56017] Q: Just one antenna...
by "David Beach" <dbeach@blvl.igs.net>
- 25) [56018] FS-Partially built 38 spcl-SOLD.
by "Greg Heath" <gheath1@nycap.rr.com>
- 26) [56019] Re: Milliwatt/Mobile Sunday afternoon
by Bob Patten <n4bp@bc.seflin.org>
- 27) [56020] ANT: Input impedance of a 24-foot Vertical
by Craig LaBarge <wb3gck@yahoo.com>
- 28) [56021] KC0AYG Fox log 11-14-99
by "Matthew Balvanz" <kc0ayg@hotmail.com>
- 29) [56022] Re: KC0AYG/T FOX
by "Matthew Balvanz" <kc0ayg@hotmail.com>
- 30) [56023] ANTENNAX (sp?) Web Address??
by AC6JA@aol.com
- 31) [56024] FS: OHR-100 for 20
by Richard H Rood <fcsww@juno.com>
- 32) [56025] Re: ANTENNAX (sp?) Web Address??
by "Radman" <radman@best.com>
- 33) [56026] Re: FOX Hunter Weekly Review
by "Rod Cerkoney" <rwc@frii.com>
- 34) [56027] Re: Q: Just one antenna...
by Thomas Kuehl <ac7a@uswest.net>
- 35) [56028] Re: Just one antenna...
by "George Heron N2APB" <n2apb@erols.com>
- 36) [56029] Fantastic Electronics Cross Reference Site
by "Jerry Henshaw" <jhenshaw@bellsouth.net>
- 37) [56030] HB: Motorola MPS devices
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 38) [56031] WM-20 SSB and amplifier kit for sale
by "Jeff Gold" <jeffmgold@hotmail.com>
- 39) [56032] Corrected URL for Electronics Parts - Sorry!
by "Jerry Henshaw" <jhenshaw@bellsouth.net>
- 40) [56033] FS: Cushcraft R-7000
by James Skalski <jskalski@localnet.com>
- 41) [56034] Re: Q: Just one antenna...
by "Chuck Carpenter" <w5usj@globeco.net>
- 42) [56035] HOSPITAL: Doug Hendricks KI6DS
by "Paul Harden, NA5N" <na5n@rt66.com>
- 43) [56036] Re: Sudden RF-1 failure?

- by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 44) [56037] Re: ELMER100: Ham Radio Horizons Magazine
by The Wheelers <rains@digisys.net>
- 45) [56038] QRM - Testing my address book
by k5xu@concentric.net
- 46) [56039] ANT: Re: Just one antenna
by w4pj@w4bkx.ampr.org
- 47) [56040] Pixie2
by neil tanner <ntan@crosslink.net>
- 48) [56041] FS: OHR WM-1 wattmeter
by "Alan Fryer" <n3bj@hotmail.com>
- 49) [56042] ANT:Re: Just one antenna...
by "James R. Duffey" <jamesd1@flash.net>
- 50) [56043] HB: Fish Paper Facts
by "James R. Duffey" <jamesd1@flash.net>
- 51) [56044] Re: "Antenna Compendium, Vol 6" and W4RNL
by "George Heron N2APB" <n2apb@erols.com>
- 52) [56045] Re: HOSPITAL: Doug Hendricks KI6DS
by Ray Colbert <af852@rgfn.epcc.edu>
- 53) [56046] KITS: pixie ii 20m problem
by Christian Void <cvoid@netcom.com>
- 54) [56047] OT: Near Disaster
by "Steven Weber" <kd1jv@moose.ncia.net>
- 55) [56048] ZD88A Cards.....
by osier <osier@northnet.org>
- 56) [56049] CQC News
by "Marshall Emm" <mgemm@mtechnologies.com>
- 57) [56050] FS: Bencher BY-2 Chrome Paddle
by "Alan Fryer" <n3bj@hotmail.com>
- 58) [56051] Re: HB: Fish Paper Facts
by "Marshall Emm" <mgemm@mtechnologies.com>

Date: Sat, 13 Nov 1999 17:56:46 -0600
From: k5zty@juno.com
To: SFIKE@twa.com
Cc: qrp-l@Lehigh.EDU
Subject: [55994] Re: K2 Power Supply
Message-ID: <19991113.182516.-4511.0.k5zty@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I'm using the power supply left over from my old Toshiba T1600 laptop.
It puts out 12 volts at 2.5 amps and it would probably do 3.5 amps all
day long without any problem. If it's a switcher, it's a quiet one. I
can't tell for sure because the case is glued shut. It is a little large

for a switcher but it is a little light for a transformer. I had it here so it's hard to beat for the price.

Bill, K5ZTY
Houston, TX
K2# 182.

Date: Sat, 13 Nov 1999 16:28:10 -0800 (PST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: qrp-1@Lehigh.EDU
Subject: [55995] Fish paper?
Message-ID: <199911140028.QAA14363@netcom.com>

A: How is "fish paper" made and why is it called that?

B: Does anyone know of a source, other than Small Parts? It's a little pricey there.

73, doug

Date: Sat, 13 Nov 1999 17:37:57 -0700
From: Skip <longbeard@cybernet1.com>
To: qrp-1@Lehigh.edu
Subject: [55996] SW30_+ 1st
Message-ID: <3.0.6.32.19991113173757.007a2920@mail.cybernet1.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hey gang,=20

Just had to share this.....

I had my first contact with my SW30+, at 1 watt to my end-fed wire!

K5KS, Kerry in NM, he was 599 on his Drake es I was 339! Had to change keys twice! The bug started stuttering, and the key just liked to miss bits.... guess I need to finish the PK-2 es Poor Mans paddles.

Thanks to all of you that help to encourage ! Only been a ham for 40 years, and forgot how fun it is to build! Too bad the eyes can't keep up with the desire!

BTW, the PK-2 works, just need to finish the paddles.

72/73.

Skip, K=D8YWD
Stevensville, Montana
QRP-C #146, QRP-L #2003, CQC #616, Zombie #641 =20

Skip, K=D8YWD
Stevensville, Montana
QRP-C #146, QRP-L #2003, CQC #616, Zombie #641 =20
=20
=20

Date: Sat, 13 Nov 1999 20:01:20 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: SFIKE@twa.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [55997] Re: K2 Power Supply
Message-ID: <Pine.3.89.9911132023.A23460-01000000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On 13 Nov 1999 SFIKE@twa.com wrote:

>
> I was wondering what you K2ers were using in the way of power supplies for
> your K2's?
>
Surplus notebook computer switcher. Perfect application.

73,

Bob Patten, N4BP , ' ' ' , (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Sat, 13 Nov 1999 17:03:21 EST
From: kc8aon@juno.com
To: K2UD@aol.com, qrp-l@Lehigh.EDU
Subject: [55998] Re: K9AY Transceiver (A&A Engineering)
Message-ID: <19991113.200623.4479.2.kc8aon@juno.com>

Try changing the length of the 1/2 wave wire, since you are feeding it at a high voltage node that is possibly the problem. Try using a 5/8 wave or a 3/4 wave radiator and 1/4 wave counterpoise, I think you will see a big difference both in operation and signal.

72.....kc8aon

Rick McKee <><

Willow Wood, Ohio

>I have one on 40M. The sidetone is a bit raspy at times. Works fine
>into a
>dummy load, but raspy with my end-fed 1/2 wave (tuner and 1/4 wave
>counterpoise).

>TNX to all, es 72

>

>Howard Kraus, K2UD

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Date: Sat, 13 Nov 1999 18:02:17 -0800 (PST)

From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>

To: qrp-1@lehigh.edu

Subject: [55999] Re: Fish paper?

Message-ID: <199911140202.SAA21701@netcom.com>

I probably confused some people, since I forgot about Dan's Small Parts, but the company, Small Parts, Inc., I was referring to is the people who sell various small and odd hardware bits, their catalog says "Engineering Findings" which is an interesting description. They're at <http://www.smallparts.com>, and have four thicknesses of fish paper and rate them at various voltages.

73, doug

Date: Sat, 13 Nov 1999 19:25:54 -0700

From: "Rod Cerkoney" <rlwc@frii.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [56000] FOX Hunter Weekly Review

Message-ID: <01f401bf2e47\$cccf7a280\$108711d8@compaq>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Attention Mr. Mrs American and all the ships at sea:

Dateline Fort Collins, 13-Nov-99: N0RC Bags 4 Foxii, making the world
safer for chickens. ;-) ;-)

10-Nov K10J
10-Nov KA70Z0 N/T+, way to go
11-Nov NF9K
13-Nov KC0AYC N/T+, way to go

Big ears of the week award goes to...IT"S A TIE!!!!
K1JD for copying through lousy band conditions S.O. S.O. S.O.
KC0AYC for copying me using only TWO WATTS from my DSW-40!!!! S.O.
S.O. S.O.

To all of this week's Foxii, watch your mailbox, a Special Edition,
HB, N0RC FOX QSL, is on the way to you! TU & JOB WELL DONE!!! (Esp.
the N/T+ Foxii)

72/3 Rod, N0RC -- Fort Collins, CO

Date: Sat, 13 Nov 1999 21:36:24 EST
From: GElam30092@aol.com
To: qrp-1@lehigh.edu, elecraft@qth.net
Subject: [56001] QRP Day at W7ASC..... AZ Science Center
Message-ID: <0.3cfe6fae.255f7a28@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Well.... not really. But I did take the K2 with me this afternoon while
working as a volunteer.

We had an unexpected visitor also. K1ZZ, David Sumner from the ARRL stopped
by. David was accompanied by his father, NW7R, Ray Sumner, who also
volunteers at W7ASC.

David seemed to get a kick out of seeing the K2 and he is also very aware of
the QRP corner of ham radio. He also mentioned by name several of the

available kits (Norcal past kits, Elecraft, Small Wonders, etc) and talked about the K2 booth at Dayton marveling about the field testers who helped out!

It was an enjoyable afternoon!

Cheers,
Gerry Elam, K1LR0/7
PHX AZ

(Quiz: who is the custodian for W1AW?)

Date: Sat, 13 Nov 1999 22:04:09 -0500
From: "Richard Hensel" <rrhensel@sprintmail.com>
To: <faunt@netcom.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [56002] Re: Fish paper?
Message-ID: <006101bf2e4c\$ed0e6900\$321fbfa8@rrh>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have seen it in MCM catalogs
www.mcmelectronics.com

Richard Hensel
n8wlc@arrl.net

When you have a hammer in your hand
 The whole world looks like a nail.

----- Original Message -----

From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Saturday, November 13, 1999 7:28 PM
Subject: Fish paper?

A: How is "fish paper" made and why is it called that?

B: Does anyone know of a source, other than Small Parts? It's a little pricey there.

73, doug

Date: Sat, 13 Nov 1999 22:23:10 -0500
From: "ai2q" <ai2q@ispchannel.com>
To: <jfarler@mis.net>
Cc: "Low Power Amateur Radio Discussion (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [56003] RE: Johnson Matchbox
Message-ID: <000101bf2e4f\$94ee4300\$5c32a7d0@ai2q.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi John:

The Johnson Matchbox external "detector" is a Monimatch-style circuit, which gets increasingly sensitive with frequency. It uses a stripline, two resistors, and a pair of diodes as detectors. Inside the matchbox itself is a pot, a relay and a bypass cap--as well as the meter movement.

I prefer Breune-type bridges, which are easy to make. They're not frequency sensitive. The handbooks show all the details you'll need.

In my Matchbox unit, all I did was disconnect one internal lead to the internal changeover relay (everybody had a relay back in the old days of "separates") and then insert a small rubber block to keep the relay in the Closed position. The relay leads are connected to the relay with screw-type knurled thumbnuts. You can revert to the original configuration easily. It works like a charm.

BTW: there are about 2,00 (just kidding, but it seems so) sheet metal screws holding the enclosure closed.

If you send me a large SASE I'll ship you back a copy of the complete manual. It has nice meter-reading vs. SWR curves, and schematics of both units. Or, if you like, I can fax it to you.

My CBA is FB.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687

Date: Sat, 13 Nov 1999 22:42:23 -0500
From: "Jim Marciniak" <n1rui@together.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [56004] Re: History: ENIGMA
Message-ID: <009901bf2e53\$1e904d80\$13c0fea9@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yet another group of books with interesting information on both the British and the American codebreakers, and their contributions to the war effort, are:

'SILENT VICTORY' by Clay Blair, unfortunately out of print at this time, and 'HITLER'S U-BOAT WAR - Volume I - The Hunters' and 'Volume II - the Hunted' by Clay Blair.

I believe all the above were published by Random House.

-Volume II has pictures of the US Navy model 1530 four-rotor bombe, which was developed with help of the British, and manufactured here by the National Cash Register Company. The things are as big as a house!

The codebreaking information, much recently declassified, is a fascinating thread which winds through all three books. Unfortunately, many of the best and brightest - both in the UK and the US - were shoved aside. In the US, the name Joe Roquefort comes to mind - he was the guy who figured out enough of the Japanese code to warn Nimitz that Midway was to be attacked - in time for the US to rain on their parade. Ahh, politics!

72,

Jim N1RUI

----- Original Message -----

From: Bob Nielsen <nielsen@primenet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, November 12, 1999 9:31 AM
Subject: Re: History: ENIGMA

> I recall reading (~1971 or so) a facinating book on the subject, The
> Codebreakers by David Kahn.

Date: Sat, 13 Nov 1999 20:07:28 -0600
From: k5zty@juno.com

To: qrp-1@lehigh.edu
Subject: [56005] FOX: KC0AYG/T FOX
Message-ID: <19991113.222055.-4511.3.k5zty@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I worked Matt at 07:58 cst this Saturday evening. I predict he will upgrade before his N/T Fox obligation is finished.. Better get another one lined up to replace him Doc.
Good job Matt.

Bill, K5ZTY
Houston, TX

Date: Sat, 13 Nov 1999 23:26:38 EST
From: Macstein@aol.com
To: qrp-1@lehigh.edu
Subject: [56006] CLUB: West FL QRP Club meeting report (LONG)
Message-ID: <0.8e6e89ec.255f93fe@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Did you miss the West Florida QRP gathering today??? Well, I didn't! The meeting place is the Tampa TBARS/TARC clubhouse, which is a WONDERFUL place for a bunch of hams to gather! I'm not sure what the big draw is.... the hot dog machine or the big tri-band beam... but the beam works very well with the new K2 SSB board! Steve Cohen, N30IE, got a 5-7 from Slovenia on 10 meters at about 4 watts. Yes, very nice QRP signal, how high is your tower? Back to you. I may have to break down and buy a microphone.

The day was full -- people coming and going. Mike Maiorana, KU4QO, brought a nibbler, copperclad PCB and some "stuff"... so 5 or 6 of us tried our hand at Manhattan style construction of a little oscillator. Mike made one with an air coil inductor, Steve made one with a toroid, just guessing at the number of turns and low and behold they were dead on the same freq! The real contest was to see whose was UGLIEST -- I win. We are gonna expand it next

time with a variactor and crystal. If you want to try your hand at pad=20
construction before you buy, you should come try this. Mike is subtle...=20
I=92ve learned more from him in three meetings than 18 years of school. =20
Remember, he got the Elmer 101 class off the ground (with Glen and Chuck's=20
help) AND today, he cooked the hamburgers! (By the way, his daughter won a=20
gold metal for form in Karate today!)

Steve brought his lab quality equipment (as usual) scope, freq. counter, and=
=20
signal generator... and we all lined up to tweak our band pass filters and=20
get our offsets dead-on for various rigs. Fred Kalt, W2XN, now has a KC-1=20
freq. readout and keyer with a working mute feature, and he had solved his=20
drift prior to coming... YOU SHOULD SEE HIS WORK! Beautiful. I continue to=
=20
be amazed at the craftsmanship on some of these things. (Roger is still top=
s=20
IMHO.) =20

Steve =93blue printed=94 my K2 (#463)... my BFO was low and we had to swap a=
cap=20
to get it dead on, then tweaked the band pass coils on his scope using the=20
sig. generator. Steve is always a lot of help and a great teacher! He was=20=
a=20
K2 beta-tester (#69) and =91splains things so even I can understand -- most=20=
of=20
the time. I=92m pretty dense. Between Steve and Mike -- they can fix almos=
t=20
anything I try to build.

Bill brought his .38 Special. Other rigs there were: NorCal 40a, Norcal 20=
,=20
SW40+ (Steve, are you done with the SWL DSW rig?) Bobby Floyd, KD4HVD had a=
=20
new homebrew paddle, complete with leg strap and snap connections -- cool --=
=20
and worked very well! Bud Murphy, AC4MY, had some RARE DX QSL=92s, he joked=
=20
that the card was bigger than the country!

I=92m not sure how many attended... but we ate all the cooked burgers. We=20
didn=92t get around to giving out the door prizes, so maybe next month I=92l=
l get=20
lucky!

Thanks to all who came and shared the wealth of knowledge and fun. See you=20
next month on the FIRST Saturday (instead of the second.)

-MAC-
AF4PS
Odessa, FL

Date: Sun, 14 Nov 1999 00:15:46 -0500
From: Ron Majewski <majewski@erim-int.com>
To: qrp-1@lehigh.edu
Subject: [56007] FOX: W8RU is Fox for 16 November 1999
Message-ID: <199911140515.AAA21110@sdag200a>

Hello Hounds!

My name is Ron (W8RU) and I am scheduled to be the Fox on Tuesday, 16 Nov. In UTC, I will be operating from 0100-0300. This is the evening of Monday, 15 November in local time.

I live in Michigan on the far northwest side of the Detroit metropolitan area. I'll be using 5w to a 2 element 40m yagi at 65ft that I will be rotating around as conditions warrant.

I've been able to grab two pelts so far this year. Those two pileups were truly epic in size. I'm more than a little intimidated. "We who are about to have our pelts shredded -- and our ears abused -- salute you!"

I hope that geomagnetic conditions settle down a bit between today (Saturday evening) and Monday. Earlier this evening I was working stations on 6m via auroral backscatter, and the A index is currently at 22. I will do my best to work as many of you as I possibly can. It's going to be big fun for me, and I look forward to meeting you on Monday evening.

I will be giving my RIT knob a workout, so please feel free to spread out above and below my calling frequency. In the past I've tuned +/- 0.5kHz looking for callsigns in the clear.

I will be happy to QSL any and all contacts made during the hunt. I made up special cards last year and keep my Fox Hunt QSL in a separate notebook along with my logs.

Good hunting to you all. Tallyho and 72/3!

Ron.

Date: Sun, 14 Nov 1999 02:15:50 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [56008] FS: OHR 40 Explorer w/memory keyer
Message-ID: <04ab01bf2e70\$16ab4080\$aa685acf@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just got this in a trade, but have decided to go with my Radio Shack HTX-100 in the mobile rather than the 40M OHR, so I am going to sell this little OHR Explorer 40M CW radio (Covers 7.000 - 7.100). It also has a K1EL (K8) memory keyer built in. It puts out about 2.5 watts and works fine. I will sell it for \$80 + shipping. I have documentation for everything. Please email direct if interested..

Thanks
Tim
NZ8J

Date: Sun, 14 Nov 1999 05:46:24 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: faunt@netcom.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [56009] Re: Fish paper?
Message-ID: <3.0.2.32.19991114054624.007a64a0@bosshog.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Doug et al,

The only definition I could come up with for fishpaper is:

"A chemically treated, vulcanized-fiber paper used for electrical insulation."

One description off the web provided the following about vulcanized fibers:

"Peerless grade, also called "fishpaper", is intended primarily for

electrical applications and others involving difficult bending or forming operations. It combines the highest possible dielectric, tensile and bending strength with flexibility. Strong, smooth, and excellent punching and forming qualities. Typical applications include armature slot insulation, liners, washers, coil insulation, arc shields, formed specialties and gasket stock. It is available in gray from .004" to .030". Meets NEMA grade: Electrical insulation."

This web site has complete specs on vulcanized fibers but nothing about why its called that.

<http://www.clearlight.com/midwestcomposites/forbon2.htm>

I would think you could use most any insulation material that is durable and has resistance to punch-through, such as mylar, in its place.

Chuck Carpenter, EM22cv, Point, Rains County, Texas

Date: Sun, 14 Nov 1999 07:34:22 -0500
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [56010] Looking for NOWNT
Message-ID: <004101bf2e9c\$954a17a0\$61e508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Sorry for the bandwidth so I will make this brief.

I am looking for Terry, NOWNT, email address or web page. I keep receiving the error message. I checked QRZ and they have the bad addresses.

Thanks,

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aa1/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153
VA QRP Society	

SETI @ Home Project
<http://setiathome.ssl.berkeley.edu>

Date: Sun, 14 Nov 1999 08:24:15 -0500
From: "Greg Heath" <gheath1@nycap.rr.com>
To: "QRP-L (SENDING ? TO QRP-L)" <qrp-l@Lehigh.edu>
Subject: [56011] FS: Partial built 38 special w/machined case
Message-ID: <000701bf2ea3\$8d0f4b80\$3f991918@nycap.rr.com>

Hi, I have a partially built (98%) 38 special with the special machined case, which can become part of "your" collection. I have too many projects here, and I am thinning out the "crowd"
You can get your new 38 special for a postal money order of \$43 and shipped to your door Conus. or \$50 to a European or world destination. Greg Kb2qqm
gheath1@nycap.rr.com

Date: Sun, 14 Nov 1999 05:49:34 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [56012] Milliwatt/Mobile Sunday afternoon
Message-ID: <19991114134934.3097.rocketmail@web705.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi, pse look for me this Sunday afternoon. Check
14.060, 18.080, 21.060, 28.060MHz. Up for QRM.

I will be in my pickup truck CQ'ing with milliwatts.
Try me from 20:30z - 21.30z.

Thanks, de Jim KJ5TF

=====

Ham radio/alt energy - <http://www.qsl.net/kj5tf/>
Milliwattting Editor ARCI QRP Quarterly
Arkansas QRP#2 - 35.95N 93.28W

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Sun, 14 Nov 1999 08:55:38 -0500
From: Howard D Rubin <n3fel@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [56013] XFRMR Search
Message-ID: <19991114.085937.17454.0.n3fel@juno.com>

Listers,

I'm looking for a power transformer with the following specs to replace an intermittent unit in my receiver.

primary: 120vac
secondary: 28vac center tapped, 2-3A; 6.3vac, 1A
shielded case
dimensions less than 3"x3"x3"

Can anyone recommend a parts house having items of this type? Would it be worth the effort to rewind the original unit?

Please advise,
Howard, N3FEL

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 14 Nov 1999 10:33:01 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [56014] "Antenna Compendium, Vol 6" and W4RNL
Message-ID: <007401bf2eb5\$916951a0\$1e98accf@gherons_box.ire.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I don't think the new "Antenna Compendium, Volume 6" has been reviewed yet, but I just wanted to mention the *nice* work that L.B. Cebik, W4RNL has contributed to it.

W4RNL has two real good articles in this new ARRL publication. Both describe very practical homebrew construction of some portable 10m antennas: a full size dipole, a 2-element Yagi beam, and an Aluminum Moxon Rectangle.

I've recently put up a "replaceable and customizable antenna mast system" at my new QTH in Maryland, just in anticipation of antenna projects like L.B. details in the articles. I'll provide more details later on my useful masting system, but simply stated it's a tip-over base and masting arrangement that allows attachment of different antennas way out in my back yard. And these two 10m antennas from L.B. fit right in with my plans and interest in 10m operation in this active solar cycle we're entering.

L.B.'s given the title of "Dipole in a Tube and a Beam in a Boom" for the dipole and beam projects ... it's always good to have a cute name as an eye catcher, and this project pair is just what it says. Components from both antennas break down and fit into very compact spaces and are transportable in PVC tubes no longer than 5-feet. Nice for taking up to your favorite hill on a sunny weekend afternoon. And W4RNL specifically emphasizes the taking along of a picnic basket and companion, thus keeping our lives balanced (hamming and family). I'm very much looking forward to making up this portable pair of antennas in the coming month or so.

And the other antenna L.B. describes is something called the Moxon Rectangle. This is an unusual 10m loop rectangle about 4.5' wide by 12.5' long made out of aluminum tubing and supported horizontally on simple 20'-or-more support mast. I became interested in this antenna last winter when L.B. described Moxon experiments on his website (an excellent source of antenna design information and construction articles, located at <http://www.cebik.com>) and he suggested I stay tuned for a more complete and simplified article describing how to build a useful version. I sure am glad I waited.

L.B. describes the Moxon Rectangle as providing wideband gain, very good directional performance, and a good match to common coax for the 10m operator with limited space and budget. On top of all this, it's components are easy to locate, it's easy to construct, and it breaks down in a short period of time making it ideal for the portable/temporary antenna experiments I'm now able to run in the fields in back of my house.

Thanks for the continued flow of great stuff L.B.!

73, George N2APB
n2apb@amsat.org in Baltimore, MD

PS: I got volume 6 of the Antenna Compendium as a birthday present ...
isn't it fun to have such a neat list of books and reference material easily
attainable from places like the ARRL and our various QRP kit vendors?! When
these personal events and holidays roll around each year, I just hand out to
the relatives the various product lists/addresses of all these sources and
wait to see what comes in! I love it!

PPS: In case you don't get yours as a gift, the "Antenna Compendium, vol 6"
costs about \$20 and can be ordered straight from ARRL HQ at 1-888-277-5289.
Other places probably also carry this book.

Date: Sun, 14 Nov 1999 16:05:40 +0000
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [56015] Sudden RF-1 failure?
Message-ID: <382EDDD4.41AC@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi,

My Autek RF-1 suddenly refuses to start after I took it on an air-plane
trip.

Any suggestions as to what the cause may be?

I intend to look over the soldering work, but perhaps there are failures
typical for the RF-1?

thanks es 73,

--

Arjen Raateland
OH2ZAZ

SAS Support
Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Sun, 14 Nov 1999 11:17:45 -0500
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: qrp-1@lehigh.edu
Subject: [56016] 2N2/40 Crystal Set Availability
Message-ID: <3.0.1.32.19991114111745.006f1830@pop.prodigy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang.....I've decided to repost the information about the 2N2/40 crystal sets that I have available, as I've gotten numerous inquiries over the past few weeks. Below is listed the sets that I can provide, and I also will do custom sets if there is something that you want that is different than those listed.

Standard sets are available as follows:

5 crystals - 3 matched to within +/-5 Hz	\$10.00
6 crystals - 4 matched to within +/-5 Hz	\$12.00
8 crystals - 6 matched to within +/-5 Hz	\$20.00

All sets include the pair of crystals used for the Rx and Tx local oscillators. The crystals are Vishay/Dale series units, which have the highest Qs of any crystal that I've tested. Many of the sets have all crystals on the same frequency, but I don't want to be held to that tolerance.

Prices include continental U.S. shipping. To Alaska, Hawaii, and other far places, we'll have to figure out what the additional charge will be. Shipping to Canada is an additional \$1.00

The six and eight crystal sets are for those who want to upgrade the filter in the 2N2/40, but you are on your own to do the design and layout. Also, the 6 matched set will probably require some additional stage gain, to make up for the added loss of the additional crystals.

If interested, send me a private e-mail with the number of sets you are interested in, and which kind(s), and I'll set them aside for you. I'll also confirm your order.

Acceptable payment is either by personal check, or Money Order in U.S. funds, unless that is a great burden to you. If so, let me know, and we'll work something out in your native currency.

Orders and payment go to:

Jim Kortge, K8IQY
PO Box 108
Fenton, MI 48430-0108

Thanks to all for the commercial time and 72.

Jim, K8IQY

Date: Mon, 15 Nov 1999 11:22:27 -0500
From: "David Beach" <dbeach@blvl.igs.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [56017] Q: Just one antenna...
Message-ID: <199911141622.LAA20497@host.blvl.igs.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

This is only semi-QRP but where else can I find such a great collection of experts!?

I have moved and have some antenna restrictions (not legal but aesthetic and practical!) and was looking for some opinions on putting up a new antenna. I would like one that is multi-band since I can likely only get away with one antenna (well, I can stick up a 2M quarter wave, too.) I am willing to give up 160M completely with this compromise.

Dipoles are a problem because of physical restrictions within my lot for center feeding an antenna. Even without that, getting ladderline to my radio down in the basement would be a problem - coax is a lot easier but tends to limit the 'multi-band-ness' of a dipole.

I can stretch out a discrete end fed longwire from my house for about 120 feet which I would likely feed with a remote tuner (which I would need to buy). Or, I could likely get away with a multi-band vertical, either on one end of the house.

Any thoughts or personal experience is such a situation? Any comments on SGC tuners for end fed wires? I e-mailed LDG about their AT-11 tuner but they felt it was not really designed use for end fed long wires and thought the SGCs might be more suitable.

David Beach
VE3STI

the 38 special I put on the board was sold. Thanks for reading. Greg
KB200M

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

Date: Sun, 14 Nov 1999 09:27:44 -0800 (PST)
From: Craig LaBarge <wb3gck@yahoo.com>
To: qrp1-mailing-list <qrp-1@lehigh.edu>
Cc: wb3gck@arrl.net
Subject: [56020] ANT: Input impedance of a 24-foot Vertical
Message-ID: <19991114172744.23542.rocketmail@web705.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Greetings:

Over the past summer I have been experimenting on and off with a vertical antenna which I attach to the side of my pop-up tent trailer. The antenna is essentially a 24-foot wire vertical which uses the chassis of the trailer as the groundplane. Mechanically, it is built using the ubiquitous Black Widow fishing rod with additional PVC pipe mast sections. The transmatch is built into the mast.

My goal is to be able to operate this thing from 40 through 10 meters. To make band changing easier and repeatable, I use fixed capacitors instead of a variable in the matching section, manually changing coil taps to match the impedances. So far, the antenna has been doing a great job on all bands except 20 and 17 meters. Work is still going on for those bands.

A picture is worth a thousand words, so more detailed information can be found at:

http://ourworld.compuserve.com/homepages/LaBarge_C/puv.htm

After this long-winded introduction, here's my question for the antenna gurus:

On 20 meters and 17 meters, the 24-foot vertical is longer than a quarterwave and just slightly shorter than a halfwave. So, I know that the input impedance is high on these bands with a large inductive component. Can anyone with access to some modeling software give me an idea of the magnitude of the

impedances for a 24-foot vertical on these two bands?
In terms of modeling, I would suspect this antenna is
very similar to a mobile whip. I recognize that there
are a lot of variables at work here, so I'm just
looking for a ballpark of how high an impedance I'm
dealing with.

Thanks & 73,

Craig WB3GCK

=====

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Sun, 14 Nov 1999 11:41:58 -0600
From: "Matthew Balvanz" <kc0ayg@hotmail.com>
To: <qrp-1@lehigh.edu>, <k0evz@arrl.net>
Subject: [56021] KC0AYG Fox log 11-14-99
Message-ID: <19991114174241.38430.qmail@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ok gang,

Here's my results for last nights hunt! Thanks to everyone for spending
some time chasing after me, I did manage to beat my record for Q's. 14 last
night! I think my code speed has been improving too. Anyone know how fast
I've been sending lately?

This has really been a blast and I have another hunt on Tuesday too!

SO, once again this is what I think I copied :-)

			SENT	RECD		
0112	K5AAR	559	559	Don	OK	1512
0118	NV4V	559	559	Pete	KY	1721
0126	WE6W	449	539	Ed	CA	1068
0136	KI0II	559	579	Ron	CO	928

0140	KV2UD	549	559	Howard	NY	1535
0147	K5TZY	559	449	Bill	TX	5W
0159	N5IB	539	449	Jim	LA	1913
0206	N0RC	559	579	Rod	CO	1764
0218	W0JOE	559	559	Joe	MO	1901
0223	N0EHQ	579	599	Tim	MO	2047
0230	W5YW	559	459	Mike	LA	3W
0235	N0HJ	549	559	John	CO	219
0242	W7ILW	559	549	Howard	AZ	2010
0248	NJ7M	559	559	Chuck	OR	5343

A couple of notes....

W5YW is actually N5IB running his DSW-40 and using the LSU club call. Mike "the Tiger" being there mascot :-)

Also, with the last qso... I'm almost sure that the number I copied is right, but it seems to high for a qrp-1 number... Do we have that many people already?

73,

Matthew KC0AYG Ames, IA

Date: Sun, 14 Nov 1999 11:42:07 -0600
 From: "Matthew Balvanz" <kc0ayg@hotmail.com>
 To: <k5zty@juno.com>, <qrp-1@lehigh.edu>
 Subject: [56022] Re: KC0AYG/T FOX
 Message-ID: <19991114174249.38448.qmail@hotmail.com>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

Gang,

I knew my code was getting better, but I didn't think I was getting that good! How fast have I been going lately anyway???

73 everyone and thanks for calling me in the hunt!
 Matthew KC0AYG Ames, IA

> I worked Matt at 07:58 cst this Saturday evening. I predict he will
 > upgrade before his N/T Fox obligation is finished.. Better get another
 > one lined up to replace him Doc.
 > Good job Matt.
 >
 > Bill, K5ZTY
 > Houston, TX
 >

>

Date: Sun, 14 Nov 1999 13:22:35 EST
From: AC6JA@aol.com
To: qrp-1@lehigh.edu
Subject: [56023] ANTENNAX (sp?) Web Address??
Message-ID: <0.2f7f7fa9.256057eb@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

doesn't anyone have the web address for the antenna manufacturer of Antennax?
i think that's how it's spelled.
they make wideband mobile antennas for VHF Lo, High, and UHF bands.
thanks for any info.

mike ac6ja

Date: Sun, 14 Nov 1999 13:39:54 -0500
From: Richard H Rood <fcsww@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [56024] FS: OHR-100 for 20
Message-ID: <19991114.133957.-3973157.0.fcsww@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

This is the older version - not the A.
It is an excellent unit, aligned at the factory.
\$95, shipped.
To "out of the 48", \$90 + shipping)

email fcsww@juno.com

dick, w2scf qrp-1 1613
South NJ

Date: Sun, 14 Nov 1999 10:58:57 -0800
From: "Radman" <radman@best.com>
To: <AC6JA@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [56025] Re: ANTENNAX (sp?) Web Address??

Message-ID: <005601bf2ed2\$57635240\$94dd56ce@vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike et al,

Here is a URL for "Antennax" (sp) -- <http://www.antennex.com/>

Antennex is a *fee-based* web "ezine" that costs \$24 per year and allows access of approx 220 articles that are antenna/ham radio-related. May not be what you're looking for, but you might enjoy checking out the public (non-fee) area of the site.

I'm not familiar with the antenna manufacturer of approximately the same spelling...

73,

Conrad - NN6CW

doesn't anyone have the web address for the antenna manufacturer of Antennax?
i think that's how it's spelled.
they make wideband mobile antennas for VHF Lo, High, and UHF bands.
thanks for any info.

mike ac6ja

Date: Sun, 14 Nov 1999 12:44:21 -0700
From: "Rod Cerkoney" <rwc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "Matthew Balvanz" <kc0ayg@hotmail.com>
Subject: [56026] Re: FOX Hunter Weekly Review
Message-ID: <032101bf2ed8\$d0842cc0\$108711d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OOPS Typo, TU Matt

-rc-

----- Original Message -----

From: Rod Cercone <rwc@frii.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, November 13, 1999 7:25 PM
Subject: FOX Hunter Weekly Review

> 13-Nov KC0AYC N/T+, way to go

^
KC0AYG

Date: Sun, 14 Nov 1999 13:29:19 -0700
From: Thomas Kuehl <ac7a@uswest.net>
To: dbeach@blvl.igs.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [56027] Re: Q: Just one antenna...
Message-ID: <382F1B9F.7196A5B5@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello David:

In October 1998 QST, the design of my 160 through 20 meter top-loaded vertical was published. It is similar in appearance to an 80 meter inverted-V and occupies about the same space. The vertical is constructed from a Rohn 50 telescoping mast which is about 44 feet (13.4 m) tall when extended. Any other similarly tall support, including a tree, can be used. The article fully describes the top loading structure, the wire elements for 40 and 20 meters, and how to construct a pair of 80 meter traps (yes it is a vertical that uses a pair of 80 meter traps).

Like any ground dependent antenna it does require a radial ground wire system, elevated radials, or a counterpoise, to reduce ground return losses.

A loop of suitable proportions could also be supported from the same mast. This would take care of the higher bands.

With this design, you wouldn't have to give up 160 meters - which would be a shame to do so. I have been using the antenna for several years with surprisingly good results on both QRO, 80 to 90 watts, and of course QRP. My operation tends to be on the low bands; 160 through 40, but I do find it loads

well on 30 and 12 meters as well. I am clueless what exactly is resonating up there, but yesterday afternoon a 7K4 in Tokyo answered my 12 meter CQ, and we went on to have a nice QSO. I was running my K2 at 4 watts.

Best Regards, Thomas - AC7A (Tucson)

David Beach wrote:

> This is only semi-QRP but where else can I find such a great collection of
> experts!?
>
> I have moved and have some antenna restrictions (not legal but aesthetic and
> practical!) and was looking for some opinions on putting up a new antenna. I
> would like one that is multi-band since I can likely only get away with one
> antenna (well, I can stick up a 2M quarter wave, too.) I am willing to give
> up 160M completely with this compromise.
>
> Dipoles are a problem because of physical restrictions within my lot for
> center feeding an antenna. Even without that, getting ladderline to my
> radio down in the basement would be a problem - coax is a lot easier but
> tends to limit the 'multi-band-ness' of a dipole.
>
> I can stretch out a discrete end fed longwire from my house for about 120
> feet which I would likely feed with a remote tuner (which I would need to
> buy). Or, I could likely get away with a multi-band vertical, either on one
> end of the house.
>
> Any thoughts or personal experience is such a situation? Any comments on SGC
> tuners for end fed wires? I e-mailed LDG about their AT-11 tuner but they
> felt it was not really designed use for end fed long wires and thought the
> SGCs might be more suitable.
>
> Hoping to get something up before the snow flies...
>
> David Beach
> VE3STI

Date: Sun, 14 Nov 1999 16:16:46 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>
Cc: <dbeach@blvl.igs.net>
Subject: [56028] Re: Just one antenna...
Message-ID: <009b01bf2ee5\$92c5faa0\$1e98accf@gherons_box.ire.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had similar challenges when moving into my new QTH here in a northern suburb of Baltimore. It's a new development, built on nice, flat, open farmland and homes with good distances between. But the covenants were such that antennas need special approval (which I understand is hard to come by). Complicating life is that there are virtually no trees to hide and/or support antennas. So my challenge begins.

I had previously used a GAP all-band vertical antenna mounted only about 5 feet off the ground, and was very fond of the performance and convenience. (Low mounting, no ground radials, all band, no adjustment.) So naturally I wanted to use the same antenna here at the new place but even mounted close to the ground as before, it would readily stand out and be noticed.

So I made a simple tip-over mounting base for a 5-foot 2" steel pipe, and attached my GAP antenna to this pipe. When I operate (which tends to be mostly during darkness hours, I manually walk the antenna into the upright position up (which isn't too hard at all), pin it in place and I can operate. When I'm done, I bring it down such that it's laying horizontal about 2-feet off the ground, resting on a little wood support tripod. I have small evergreen bushes planted strategically at the base and along the 30-foot length of the antenna, and it looks okay when laying down.

I occasionally operate during the daylight hours too, and as it turns out my neighbors don't comment too negatively about the sight. (Although I think it's a beauty!) As long as I bring it down when not in use, they tolerate me. And of course since I operate exclusively at QRP levels (1W max), there are no problems whatsoever with TV/phone/etc and I'm further the nice neighbor.

I have a multitude of options with this arrangement. The tip-over base is located at the back of my property (about 150-feet from the house), so when I use a taller support tube (in place of the antenna) I have a nice end-support for one leg of a dipole, and end support for an inverted L, an end support for an end-fed Zepp, a mid-support for an inverted vee, etc. And as mentioned in a posting earlier today, I can easily substitute different vertical antennas onto this tip-over base and experiment with a range of other types of antennas.

All of these antennas/supports I've described tip over when not in use, making you the conscientious neighbor. I have detailed description, diagrams and dimensions coming as an article soon in one of our QRP publications, but hopefully this will give you some ideas to try out right now.

Good luck!

73, George N2APB
n2apb@amsat.org in Baltimore, MD

-----Original Message-----

>I have moved and have some antenna restrictions (not legal but aesthetic
and
>practical!) and was looking for some opinions on putting up a new antenna.
I
>would like one that is multi-band since I can likely only get away with one
>antenna

Date: Sun, 14 Nov 1999 16:31:02 -0500
From: "Jerry Henshaw" <jhenshaw@bellsouth.net>
To: "Elecraft Reflector" <elecraft@qth.net>, "QRP-L Post" <qrp-l@Lehigh.EDU>
Subject: [56029] Fantastic Electronics Cross Reference Site
Message-ID: <007901bf2ee7\$92825000\$23d44dd8@jhenshaw.bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

I stumbled across the best all around electronics cross
reference site that I have seen to date. It has links to just
about every conceivable electronics component. I used
it to cross reference the "BC" series of transistors that
are used in the GC microphone preamp kit. It came up
with over 15 vendor/distributors of the BC series of
transistors!

The URL is

<http://compusmart.ab.ca/ndyrvik/niedatab.htm>

Check it out --- you will definitely want to save this URL
in your bookmark or favorites folder.

All the best and keep the solder fumes aloft,

Jerry Henshaw
KR5L

Date: Mon, 15 Nov 1999 08:32:59 +1100
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [56030] HB: Motorola MPS devices
Message-ID: <382F2A8B.A917D42F@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Whilst assisting Stan McIntosh over some devices he had on hand I searched the Motorola semiconductor site and downloaded the data sheet for MPS5179. Yes it is equivalent to 2N5179 but plastic T0-92.

FYI:

If you need info or data sheets (Adobe Acrobat) on Motorola devices go to:

<http://mot-sps.com/> and perform a search.

72/73's

Ian Purdie Budgewoi N.S.W. Australia - Co-ords 33o:14':00" S
151o:34':00" E
VK2TIP "I'll give you the TIP mate" QRP-L member #1978.
URL - <http://www.integritynet.com.au/~purdic/> URL -
<http://www.qsl.net/vk2tip/>

Date: Sun, 14 Nov 1999 15:48:25 CST
From: "Jeff Gold" <jeffmgold@hotmail.com>

To: qrp-1@lehigh.edu
Subject: [56031] WM-20 SSB and amplifier kit for sale
Message-ID: <19991114214826.55290.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I have a built and tested Small Wonders 20 meter ssb rig.. very small. low power radio, but I have made a number of contacts with it.

The kit was \$100 and the matching case and PIC counter and such was another \$60. I added a toggle on/off power on the rear.

I also have the KD1JV 20 watt linear amplifier kit for it.. unbuilt.. have most if not all of the extra parts required to build it. - Not sure but have about \$40 or so in it.

I would like to get \$165+ shipping.
you can check out the kit at: <http://www.smallwonderlabs.com/>

the review I did is in this month's 73 magazine

72
Jeff, AC4HF

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sun, 14 Nov 1999 16:59:41 -0500
From: "Jerry Henshaw" <jhenshaw@bellsouth.net>
To: "QRP-L Post" <qrp-1@Lehigh.EDU>, "Elecraft Reflector" <elecraft@qth.net>
Subject: [56032] Corrected URL for Electronics Parts - Sorry!
Message-ID: <008901bf2eeb\$8e7fddc0\$23d44dd8@jhenshaw.bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

I left the "www" off of the URL posting for the Electronics cross reference links. Sorry for the confusion. Duh.

URL Corrected is :

<http://www.compusmart.ab.ca/ndyrvik/niedatab.htm>

Jerry
KR5L

Date: Sun, 14 Nov 1999 17:01:38 -0500 (EST)
From: James Skalski <jskalski@localnet.com>
To: qrp-1@Lehigh.EDU
Subject: [56033] FS: Cushcraft R-7000
Message-ID: <Pine.LNX.4.20.9911141642040.726-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

When they say "no radials" they mean "no radials"

I can't get the R-7000 to resonate on the CW end of 40 meters.
My radial system and guy wires interfere with the antenna.

So.... It is gonna go.

I will trade for an as new Butternut HF9V (?)
or a QRP Plus +
or a Mint collins S-Line (winged emblem ok, round preferred :-)

Or I will sell for \$250

This is as new, has the anti oxidant goop between elements, all hardware,
instructions, nothing damaged.(I haven't had to "adjust" it with a hammer
yet) It has been up for a "very" short time.

It will ship in a "big" box. A cushcraft box and an outer box for extra
protection.

check it out at
<http://www.cushcraft.com/>

73,

Jim n2go

Date: Sun, 14 Nov 1999 16:18:12 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: dbeach@blvl.igs.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [56034] Re: Q: Just one antenna...
Message-ID: <3.0.2.32.19991114161812.007bc350@bosshog.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi David,

I'm not sure if you want to build or buy. If it's buy, I have good success with my Butternut HF9V 80 through 10. It has 6 also but not too useful for me as a vertical. It's often better on some signals than my dipole but there's less noise with the dipole. You do need to use radials for good results. My dipole is one of the W9INN dipoles for 80 through 10 incl WARC. There are lots of good articles around about hidden flagpole verticals too. You would want to use an antenna coupler (ATU) with either type.

Chuck Carpenter, EM22cv, Point, Rains County, Texas

Date: Sun, 14 Nov 1999 15:38:00 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-1@lehigh.edu
Subject: [56035] HOSPITAL: Doug Hendricks KI6DS
Message-ID: <Pine.SUN.4.10.9911141458510.6186-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

This is being posted by the request and permission of Doug's family.

Doug has been ill since last weekend, as we recall from his SS post. This finally resulted in him being admitted to a Fresno area hospital friday, for which he was diagnosed with an obstructed gall bladder. He underwent surgery to remove a fairly large stone (according to Doug, "about the size of a large M&M, or T0-220 size!").

Unfortunately, while recovering from this surgery, Doug suffered a mild heart attack, undergoing the usual series of tests to determine his condition. Doug will be undergoing bypass surgery tomorrow (monday) and will remain hospitalized the remainder of next week. His wife, Joanne, will call me tomorrow to let me know how the surgery went, and will share that information when it becomes known.

I just got off the phone from talking to Doug in the hospital. He's obviously a bit weak and groggy from everything, but in very good spirits and humor. His biggest frustration is not having an email terminal or his NC-20 in the hospital room!

I know many of you are concerned, or at least wondering about Doug's condition. However, at this time, PLEASE do not send any get-well wishes via email to Doug. He's concerned about his server blowing up as it max'es out on memory. And please do not call his home right now. The family appreciates the phone calls of concern received so far, but they really need to have their privacy during this respected.

The Autumn QRPP is nearing completion. The printing is almost done and Doug was going to update the membership list and print out the mailing labels this weekend, which obviously he was not able to do. He will be doing this as soon as he can, and I would expect the QRPP's will still be mailed right around Thanksgiving. Thanks for your patience on this.

I'm sure we all wish Doug a speedy recovery.

72, Paul NA5N
One of Doug's many friends

Date: Sun, 14 Nov 1999 22:28:32 +0000
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: "Ed Manuel (N5EM)" <n5em@flash.net>
Cc: QRP-L <QRP-L@lehigh.edu>
Subject: [56036] Re: Sudden RF-1 failure?
Message-ID: <382F3790.2922@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Ed Manuel (N5EM) wrote:

- >
- > Make sure the battery is OK. Sometimes, the power switch gets depressed
- > accidentally when packed and runs the battery down.
- >
- > Other times, you might have found out by now that the display refuses to

> work when too cold.

Hi Ed,

No, it's not the cold nor the battery. I think now that it's likely that the on/off switch (and the band switch) is worn out. They are used very often. Firstly because the RF-1 drain its battery very quickly and secondly because switching it off - to save current - and soon on again will put it on a different band necessitating the use of the band switch to get it back where it was before switching off.

I noticed this potential problem when I first got it, but everybody seemed to have it, so it wasn't a feature of just my RF-1. I don't know if this 'feature' has been corrected with newer RF-1's.

It works again, but not very reliably, i.e. every now and then I manage to switch it on by pushing hard.

thanks,

--

Arjen Raateland
SAS Support
Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Sun, 14 Nov 1999 22:38:01 +0000
From: The Wheelers <rains@digisys.net>
To: qrp-l@Lehigh.EDU
Subject: [56037] Re: ELMER100: Ham Radio Horizons Magazine
Message-ID: <382F39C9.C079F3EC@digisys.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Robert and Randy

You might want to check with Buckmaster, they advertise in the various magazines as having a complete set of Ham Radio Horizons available on microfiche. I believe the cost is about \$250.00 for the set.

You can view and print from them at your local library if you don't have a viewer. I picked up a used viewer from an auto service shop for five dollars, so I am set as soon as I can afford to part with the money.

They also have other magazines such as 73, and I believe CQ and QST.

Vern, N7SPK: Montana

Date: Sun, 14 Nov 1999 16:51:04 -0500
From: k5xu@concentric.net
To: "qrp" <qrp-1@lehigh.edu>
Subject: [56038] QRM - Testing my address book
Message-ID: <000901bf2eea\$f47fbba0\$4f4aadce@mike>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just call it Internet QRM!
Mike Duke, K5XU, president,
Mississippi Council of the Blind

Date: Sun, 14 Nov 1999 17:50:48 EST
From: w4pj@w4bkx.ampr.org
To: qrp-1@lehigh.edu
Subject: [56039] ANT: Re: Just one antenna
Message-ID: <68473@w4bkx.ampr.org>

Subject: ANT Re: Just one antenna

This might not be what you are looking for but...
I had the occasion to pick up a blownup R7...Lightning - top of a 27
floor condo right on the ocean... the black box, the little
googaws (capacitors)... can you say Smithereens?

Well, it has a nice base and fiberglass insulator at the bottom and
mounting hardware etc.

With some additional aluminum tubing in progressively smaller diameters
I made a 33ft 6inch radiator.. for 40 meters. Mounted on a 20ft teles-
coping mast jammed about 3 ft into the ground, with 2 tuned counterpoise
wires (tuned independently just as you would cut a dipole) it worked like
gangbusters. I used to feed it with 50 ohm coax for 40meters only.
The 2 counterpoise wires helped as guys.

Well, with Hurricane Floyd bearing down on us here last month, it was time to take the yagis off the towers and stow everything... afterwards, I needed antlers... so I put the vertical back up and fed it with 450 ohm ladderline and a balanced tuner.....

Man, I worked everything I could hear on all bands and I could hear plenty! VU2, T00DX, V47, VK9LX, CP6, HB0, VP2V, ZF2, 3V8, C5, FS, J6, HI, VQ9, ZK3, 5X, LU7, PS (HL), R1ANF/A (VP8/SHET), 5W, ZK1, EL2, ZB2, OD5, 4K, YS, T31, TA, YK1, 9H4, V63, EK7, 3B8, ZA, HZ, C21, BD4, etc. YOU GET THE PICTURE!!!!

I used to go to the Florida Keys, Dry Tortugas, field days... etc. and usually brought all sorts of antennas... wires...beams...poles
The next time I go... all I'm bringing is the 20ft push-up mast and this antenna! It collapses to about 4ft and you know?... I could use those RadioShack mast sections that are about 5ft long and one slips onto the other as many as you would like...make a nice bundle 5ft long. Hmmm..

so I'd look around for a lightning-zapped R-7,

De (Scott) W4PJ

ScottRHotchkissW4PJ1525NW5thAvenueFortLauderdaleFlorida33311<EL96vd>QRPL1585

P.S. I got a beam back up about a week ago and it IS better than the vertical on the higher bands but I plan to keep the vertical fed with ladderline for WARC and 80/40. I added some tuned radials for 30m and it helped on 17 and 12 as well! Maybe some wires tuned for 12/17 will be next - it couldn't hurt <g>.

Date: Sun, 14 Nov 1999 18:04:08 -0500
From: neil tanner <ntan@crosslink.net>
To: qrp list <qrp-l@lehigh.edu>
Subject: [56040] Pixie2
Message-ID: <382F3FE8.D49920C9@crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings all-

Just wondered what output others are getting with their Pixie2. What transistors are you using? Best 72----Neil WA4CHQrp

Date: Sun, 14 Nov 1999 15:07:34 PST

From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [56041] FS: OHR WM-1 wattmeter
Message-ID: <19991114230734.84313.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

For sale: OHR WM-1 wattmeter in good shape, works fine. Some minor scatches on sides, but face is very nice. Original documentation.

\$55 shipped

Alan, N3BJ

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sun, 14 Nov 1999 16:08:29 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: dbeach@blvl.igs.net
Cc: qrp-1@lehigh.edu
Subject: [56042] ANT:Re: Just one antenna...
Message-ID: <199911142308.RAA23855@chupacabras.flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Well there are a lot of choices for just one antenna. Tom, AC7A, had a nice one. Everybody should look up his article in QST. Tom is a good engineer and his antenna will work well.

There are other alternatives. Your idea of a 120 ft endfed wire is a good one if you can provide a good ground. I think that the LDG should match this, but I have not used this tuner on this antenna. Perhaps someone else has and can provide some help. An antenna like this should be readily matched with an L match. Perhaps you can locate the tuner outside and bring in the capacitor and inductor tuning indoors with flexible shafts.

A 22 ft vertical should provide good performance from 40 M up. A tuner, like the LDG, should match this over 40 M to 10 M.

A 44 ft dipole fed with open wire feeders may not meet your criteria, but it will provide good coverage from 40 M up with a tuner, perhaps with an LDG tuner. The antenna can be used on 80M and 160 M by tying the feeder together at the bottom and feeding them against a good ground. This makes the antenna a top loaded vertical

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sun, 14 Nov 1999 16:11:14 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-l@lehigh.edu
Subject: [56043] HB: Fish Paper Facts
Message-ID: <199911142311.RAA27440@chupacabras.flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Fish paper is used where a high dielectric insulator is desired. It was originally made (many years ago) by impregnating coarse paper with oil from fish, such as cod liver oil. Fish oil was one of the highest quality dielectric oils available at reasonable price. Fish paper is an excellent dielectric for capacitors and has been used for custom capacitors for a long time. It is also a good insulator for all sorts of high voltage applications. It was very useful because the oil (using surface tension) bridges many of the pinholes in the paper to make a pinhole free dielectric. Until the advent of Mylar (TM Dupont) in the 60s, no pin hole free dielectric was available except fish paper.

The paper used is similar to the paper used for wax paper. Instead of impregnating the paper with wax it is impregnated with fish oil. I think that the new "fish paper" is made with synthetic oils rather than the original oils. A chemist on the list may be able to tell us why it still smells faintly of fish. The impregnation is done by dipping the paper into a vat of oil. If you wait long enough the oil will permeate the paper. If you are manufacturing it for money, the makers pressurize the vat a bit to speed the process.

I hope that this helps. I am curious; in what QRP application is fish paper used? - KK6MC/5- Dr. Megacycle whose mother used to make custom capacitors in WWII and is employed by one of the leading manufacturers of high quality capacitors - Maxwell Laboratories.

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

James R. Duffey KK6MC/5
30 Casa Loma Road

Cedar Crest, NM 87008

Date: Sun, 14 Nov 1999 18:09:07 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [56044] Re: "Antenna Compendium, Vol 6" and W4RNL
Message-ID: <00fe01bf2ef5\$467919b0\$1e98accf@gherons_box.ire.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was reminded by someone of the deal that the IAQRP Club has going for a group buy of a bunch of the ARRL books. Wanted to pass it on if you're reading this thread.

Paul Washa Books has offered a group buy to the IAQRP Club which was extended to QRP-L as well. The Antenna Compendium Vol 6 with CD is \$17.00 delivered anywhere within the US (including HI and AK). There are other titles as well including Rich Arland's new book (\$13.00 delivered). For anyone interested contact Paul Washa directly and specifically mention the Iowa QRP group purchase. You may contact Paul at: w0tok@email.msn.com or phone (612) 472-8991. His address is:

Paul Washa (W0TOK)
4916 Three Points Boulevard
Mound, MN 55364-1245

73, George N2APB
n2apb@amsat.org in Baltimore, MD

Date: Sun, 14 Nov 1999 16:23:24 -0700
From: Ray Colbert <af852@rgfn.epcc.edu>
To: na5n@rt66.com
Subject: [56045] Re: HOSPITAL: Doug Hendricks KI6DS
Message-ID: <382F446C.88E59B39@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul,
thanks for the update and info on Doug. I really appreciate your taking the time to pass along the info to the list and our

thoughts are with Doug and family, wishing for a speedy recovery.
Thanks again.

Ray

--

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Sun, 14 Nov 1999 15:24:42 -0800 (PST)
From: Christian Void <cvoid@netcom.com>
To: qrp-l@lehigh.edu
Subject: [56046] KITS: pixie ii 20m problem
Message-ID: <Pine.3.89.9911141535.A2070-01000000@netcom11.netcom.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

just built a pixie ii for 20m and am getting low output power. am using a
hand wound toroid for the .56uH inductor (13 turns on a t-37-6). when
keyed, the frequency tends to pull a little bit, so i think (in my
limited understanding) that the output impedance might be a little
squirrely. should i play around with adding/removing turns? when
calculated out the toroid should have 13.7 turns for .6uH so i tried to
get close.

also, the oscillator seems to be a little unstable, occasionally
motorboating and not sounding as clean as the osc on my 40m pixie.

any suggestions greatly appreciated.

72/73 de christian - kf6ihu/9

Date: Sun, 14 Nov 1999 18:44:39 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [56047] OT: Near Disaster
Message-ID: <199911142325.SAA06481@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Okay, lets see if I got my settings correct this time...

Nearly lost my HD the other day. Of course, none of my most recent work had been backed up and nearly lost it all. After a long struggle was able to recover my most important data. Now limping along with an old double spaced 50 meg drive. Anyone out there have an old 500 meg IDE HD they'd be willing to part with cheap or is it time for me to break down and buy a new computer?

72, Steve KD1JV
"melt solder"

Date: Sun, 14 Nov 1999 18:36:01 -0500
From: osier <osier@northnet.org>
To: qrp-l@lehigh.edu
Subject: [56048] ZD88A Cards.....
Message-ID: <382F4761.790AD785@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello All !!!!!

Sorry for the bandwidth here but.....

>From the Ohio/Penn DX Bulletin # 435 ...ZD88A QSL TO N6CW...
Thought some QRPers might need that one..... been trying since last spring !!!!!

72s

George Osier , N2JNZ/QRP

Date: Sun, 14 Nov 1999 16:42:01 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu, CQCList@cqc.org
Subject: [56049] CQC News
Message-ID: <199911142340.QAA31237@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

The Colorado QRP Club held its first meeting in new premises yesterday. We met

at Bonfils Blood Center on the Lowry Campus. Excellent surroundings, far superior to the library room we had been using. Pictures from the meeting can be seen at <http://www.cqc.org/gallery> .

The meeting was well attended, and members were delighted with the new facilities. The program featured the conclusion of the basic construction tutorial by Dick AB0CD and Marshall N1FN, and a monster show and tell including Paul K06H's X-beam, and an astounding display of hand-made wooden paddles from N0DQV.

Those with web capability can now join CQC (or renew, or purchase club merchandise) on the club's web site at <http://www.cqc.org> . New members will receive the current issue of The Low Down, which features entertaining articles on QRP Afield efforts by members, an article on Short Wave Listening by Paul Harden, and much more.

A CQC number will be handy in the upcoming Great Colorado Snowshoe Run on the evening of December 11th. Details of the event will be posted soon.

73 DE Marshall Emm, N1FN
President, The Colorado QRP Club, Inc.
n1fn@cqc.org
<http://www.cqc.org>

Date: Sun, 14 Nov 1999 15:43:59 PST
From: "Alan Fryer" <n3bj@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [56050] FS: Bencher BY-2 Chrome Paddle
Message-ID: <19991114234359.23298.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

For sale: Bencher BY-2 paddle. This is the chrome, iambic version that retails for \$109. Like new, \$75 shipped.

Alan, N3BJ

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sun, 14 Nov 1999 16:48:34 -0600

From: "Marshall Emm" <mgemm@mtechnologies.com>
To: jamesd1@flash.net, qrp-l@lehigh.edu
Subject: [56051] Re: HB: Fish Paper Facts
Message-ID: <199911142346.QAA31542@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

>>It was
originally made (many years ago) by impregnating coarse paper with oil
from fish, such as cod liver oil. <<

That was my guess, but didn't want to look foolish if it proved to be something
else.

During my time "in the bush" in Australia, we carried a spray can of fish oil
which was almost as universally useful as WD-40 and duct tape. It had a
curious and definitely non-fishy smell to it, and could conceivably have been
synthetic. Anyhow, it was great for emergency water and weatherproofing
compound. Classic application was if you scratched the paint on your vehicle,
you sprayed it with fish oil which prevented rust until you were able to do a
proper repair-- sometimes weeks later. I also used it for sealing coax
connectors on antennas. I've never noticed it being available here, but
perhaps it is, under a different name or something.

73

Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express and Oak Hills Research
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
<http://www.ohr.com>
(303)752-3382

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End of QRP-L Digest 1639

